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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/007,248	10/24/2001	Kosuke Yoshioka	NAK1-BC89a	8472
21611	7590	12/09/2005	EXAMINER	
SNELL & WILMER LLP 600 ANTON BOULEVARD SUITE 1400 COSTA MESA, CA 92626			WONG, ALLEN C	
			ART UNIT	PAPER NUMBER
			2613	

DATE MAILED: 12/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/007,248	<b>Applicant(s)</b> YOSHIOKA ET AL.	
	<b>Examiner</b> Allen Wong	<b>Art Unit</b> 2613	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-28 and 42-75 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6, 16, 42-46 and 72-75 is/are rejected.
- 7) ☒ Claim(s) 7-15, 17-28 and 47-71 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☒ Certified copies of the priority documents have been received in Application No. 09/055,583.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-6, 16, 42-46 and 72-75 are rejected under 35 U.S.C. 102(e) as being anticipated by Galbi (5,649,029).

Regarding claims 16 and 42, Galbi discloses a media processing apparatus which inputs a data stream including compressed audio/video (AV) data, decodes the inputted stream data, and outputs the decoded data, the media processing apparatus comprising:

an input/output processing means for performing input/output processes, the input/output processes including storing a data stream in a memory (col.2, lines 5-9; Galbi discloses a signal processing unit 140 in fig.1 for decoding audio and video data);

a sequential processing means for performing a sequential processing mainly for condition judgements, the sequential processing including a header analysis of compressed video data in the compressed AV data and a decoding of

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compressed audio data in the compressed AV data, whereby the decoded audio data is stored in the memory (fig.1, element 55); and

a routine processing means for performing a routine processing mainly for routine calculations on the compressed video data stored in the memory in accordance with a result of the header analysis given by the sequential processing means, the routine processing including a decoding of the compressed video data, whereby the decoded data video data is stored in the memory (col.3, ln.66 to col.4, ln.41; Galbi discloses the CPU controls the amount of time the SPU 140 spends for decoding audio and video data by utilizing instructions from software to permit the performance of calculations to go through a routine of processing calculations on the compressed data in preparation for decoding the audio and video data including header analysis), and

wherein the input/output processing further includes reading the decoded audio data and the decoded video data from the memory and respectively outputting the read audio data and the read video data (col.2, lines 5-9; Galbi discloses a signal processing unit 140 reads the decoding audio and video data where the output for the video and audio is sent to "Video Output" and "Audio Output"),

wherein the header analysis is a header analysis of a macroblock including a plurality of video blocks (col.3, ln.66 to col.4, ln.20).

Note that claims 1-6, 43-46 and 73-75 have similar corresponding elements.

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Regarding claim 72, Galbi discloses a media processing apparatus for decompressing compressed video data inputted from an outside source, comprising:

a processor for performing input/output processing affected by external factors, wherein said input/output processing includes at least inputting said compressed video data from outside and outputting decompressed video data to an external device (col.2, lines 5-9; Galbi discloses a signal processing unit 140 in fig.1 for decoding audio and video data); and

video decoding means for decompressing said compressed video data supplied by said processor, wherein said processor processes in parallel with said video decoding means (col.3, ln.23-29 and col.4, ln.37-40).

#### ***Allowable Subject Matter***

3. Claims 7-15, 17-28 and 47-71 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
4. The following is a statement of reasons for the indication of allowable subject matter: The prior art does not specifically disclose the combination of limitations, "an input means for inputting an asynchronous data stream; a video output means for outputting the decoded video data to the external display device; an audio output means for outputting the decoded audio data to the external audio output device; and a processor for executing task programs from a first task program to a fourth task program stored in an instruction memory, by switching between the four task programs, the task programs including: the first

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task program for transferring the data stream from the input means to the memory; the second task program for supplying the data stream from the memory to the decode processing means; the third task program for outputting the decoded video data from the memory to the video output means; and the fourth task program for outputting the decoded audio data from the memory to the audio output means", as disclosed in dependent claim 7. Dependent claim 47 contains patentable subject matter for similar reasons as claim 7. The prior art also does not disclose the specific combination of limitations as disclosed in dependent claim 17.

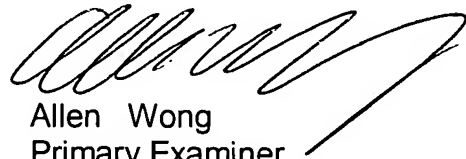
#### ***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Allen Wong whose telephone number is (571) 272-7341. The examiner can normally be reached on Mondays to Thursdays from 8am-6pm Flextime.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on (571) 272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Allen Wong  
Primary Examiner  
Art Unit 2613

AW  
12/6/05